

OIL ANALYSIS REPORT

VOLVO PENTA

KEVIN DOWNEY 44212 ONAN F190577936 - GENSET

Sample No: VPA055591

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA055591	---	---	---
Sample Date	11 Mar 2024	---	---	---
Machine Hours	507	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

steve@ccyachtsales.com

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Base Number (BN)	mg KOH/g	█ 8.5	---	---	---
Oxidation (PA)	%	64	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 7	---	---	---

WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 14	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1974	---	---	---
Magnesium	ppm	█ 207	---	---	---
Zinc	ppm	█ 1147	---	---	---
Phosphorus	ppm	█ 1001	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 177	---	---	---

Depot: VP568144

Unique No: 10928150

Signed: Don Baldrige

Report Date: 18 Mar 2024

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GRAPHS

